



**Is inspection equipment safe to operate at your facility?**



**Has this equipment been approved and certified for use in the United States?**



**Has hazardous material been properly evaluated and labeled for safe handling and transport?**



**Has equipment been examined to protect against the loss of sensitive, proprietary or confidential business information?**



**To address these concerns, the TEI program was established to help U.S. facilities:**

- » **Demonstrate treaty compliance**
- » **Protect critical information**
- » **Ensure safety**
- » **Safeguard the environment**

**Defense Threat Reduction Agency**

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**WHY TEI**



**PROTECTING  
U.S. FACILITIES  
FROM RISKS  
POSED BY  
INSPECTION  
EQUIPMENT**



**DTIRP**



## WHY TEI

The Technical Equipment Inspection (TEI) Program is a Department of Defense program created in 1993 at the direction of the National Security Council and the Office of the Secretary of Defense.

This unique arms control security program was established in response to the potential hazards posed by inspection equipment, and is designed to ensure that all equipment used during arms control activities meets the agreed treaty specifications and parameters.

## TEI MISSIONS

- ▶ Equipment Certification
- ▶ Equipment Inspection
- ▶ Technical Consultation
- ▶ Analyses
- ▶ On-Site Support
- ▶ Training



## TEI PERSONNEL

TEI program staff include highly skilled equipment technicians and personnel possessing extensive knowledge of the specific, approved and certified uses of inspection equipment under each arms control treaty.

## TEI-SUPPORTED TREATIES

The TEI program currently supports the implementation of several arms control treaties, including:

- ▶ Chemical Weapons Convention (CWC)
- ▶ Strategic Arms Reduction Treaty (START)
- ▶ Treaty on Open Skies
- ▶ U.S.-IAEA Safeguards Agreement

## THE TEI PROCESS

Department of Defense policy requires all arms control inspection equipment to pass a comprehensive 3-step process: **approval**, **certification**, and **inspection**.

### APPROVAL

When new treaties are negotiated, or when new items of inspection equipment are introduced, the States Parties agree upon the basic types and attributes of each piece of equipment to be used for compliance verification activities. These agreements are reached either bilaterally or through a treaty's multilateral implementation organization, such as the OPCW (Organization for the Prohibition of Chemical Weapons).

### CERTIFICATION

Prior to use inside the United States, TEI teams carefully examine each item of approved equipment to ensure that it meets U.S. safety standards and poses no security risks.

Team members verify that the equipment's operational and technical capabilities conform to manufacturer specifications as well as to treaty intent.

When certified, a Report of Certification is issued specifying the exact make and model of each item of certified equipment, as well as precisely where and under what conditions it may be operated.

## INSPECTION

Immediately upon the arrival of an inspection team in the United States, inspection equipment is transported to a secure facility for evaluation by TEI staff.

During the TEI inspection, some of the instruments that may be used to examine inspection equipment include:

### ▶ Air-monitoring systems

To ensure that the inspection equipment has been properly decontaminated, if necessary.



### ▶ Borescope

To view otherwise inaccessible areas inside equipment, assuring the absence of unauthorized modifications.



### ▶ X-ray equipment

To detect modifications or unauthorized components.



### ▶ Radio frequency scanner

To detect hazardous or unauthorized radio frequency emissions.



### ▶ Thermal scanners

To obtain operating signatures and to detect unsafe heat emissions.

